



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECHNOLOGY CENTER 2800

In re application of:

Myles H. Wakayama

Appl. No. 09/972,019

Filed: October 5, 2001

For: **Low Offset and Low Glitch
Energy Charge Pump for PLL-
Based Timing Recovery Systems**

Confirmation No.: 3152

Art Unit: 2817

Examiner: A. Kinhead

Atty. Docket: 1875.2070002

**Amendment and Reply Under 37 C.F.R. § 1.111 and in the Revised Format of the Pre-
OG Notice Dated January 31, 2003**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated May 12, 2003, (PTO Prosecution File Wrapper Paper No. 7), Applicant submits the following Amendment and Remarks. This Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, amendments to the specification by presenting replacement paragraphs marked up to show changes made;
- (C) Starting on a separate sheet, a complete listing of all of the claims:
 - in ascending order;
 - with status identifiers; and
 - with markings in the currently amended claims;
- (D) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.